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PATENT 212 2/24
#2804
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Joseph P. Bigus et al. : Date: July 19, 2004
Group Art Unit: 2762 : IBM Corporation
Examiner: W. Starks : Intellectual Property Law
Serial No.: 09/100,595 : Dept. 917, Bldg. 006-1
Filed: June 19, 1998 : 3605 Highway 52 North
Title: OPTIMIZING THE PERFORMANCE : Rochester, MN 55901
OF COMPUTER TASKS USING
INTELLIGENT AGENT WITH
MULTIPLE PROGRAM MODULES
HAVING VARIED DEGREES OF
DOMAIN KNOWLEDGE

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INFORMATION DISCLOSURE STATEMENT AND PETITION REQUESTING
CONSIDERATION UNDER 37 C.F.R. §1.97(d)

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request that the information listed on the attached Form PTOSB08A be considered by the Office during the pendency of the above entitled application, pursuant to 37 C.F.R. §1.97. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not constitute an admission that any information cited therein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b). In the interest of full and complete disclosure to the Office, some or all of the art cited herein may not be considered by Applicant(s) or the Undersigned to be material under the new standard of materiality defined in 37 C.F.R. §1.56(b), enacted March 16, 1992, but may be material under the old standard of materiality defined in 37 C.F.R. §1.56(a), last amended on November 28, 1988, or may merely be technical background which may be of interest to the Examiner. In accordance with 37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Docket No. RO996-052LB
Serial No. 09/100,595

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09/000018 090465
07/22/2004 ZIMMERL
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PATENT

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(d) after final office action or notice of allowance, but before payment of the issue fee. The certification specified in 37 C.F.R. §1.97(e) follows below.

The petition fee of \$130.00 set forth in 37 C.F.R. §1.17(i) is to be charged to our Deposit Account No. 09-0465.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

July 19, 2004

(Date of Deposit)

Debra A. Peterson
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Respectfully submitted,

By:

Steven W. Roth

Steven W. Roth, Attorney
Attorney Reg. No.: 34,712
IBM Corporation, Dept 917
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CERTIFICATION

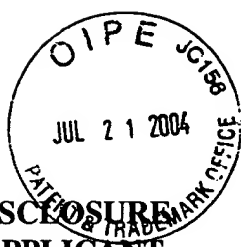
I hereby certify that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

Steven W. Roth
Steven W. Roth

July 19, 2004

Date

PTO/SB/08A


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 2

Application Number.: 09/100,595
 Filing Date: June 19, 1998
 First Named Inventor: Joseph P. Bigus
 Art Unit: 2762
 Examiner Name: W. Starks
 Attorney Docket Number.: RO996-052LB

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U.S. PATENT DOCUMENTS

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| Examiner Initials* | Cite No. ¹ | <u>Document Number</u> Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns or Lines Where Relevant Passages or Figs. Appear |
|--------------------|-----------------------|---|--------------------------------|---|--|
| | | US - 2003/0084010 A1 | 05-01-2003 | Bigus et al. | |
| | | US - 5,455,890 | 10-03-1995 | Wang | |
| | | US - 5,790,789 | 08-04-1998 | Suarez | |
| | | US - 6,021,437 | 02-01-2000 | Chen et al. | |
| | | US - 6,049,819 | 04-11-2000 | Buckle et al. | |
| | | US - 6,282,701 B1 | 08-28-2001 | Wygodny et al. | |
| | | US - | | | |
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FOREIGN PATENT DOCUMENTS

| Examiner Initials | Cite No. ¹ | <u>Foreign Patent Document</u> Country ³ - Number ⁴ - Kind Code ⁵ Code (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns or Lines Where Relevant Passages or Figs. Appear | T ⁶ |
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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 2 of 2

Application Number.: 09/100,595
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and or country where published. | T ² |
|----------------------|--------------------------|---|----------------|
| | | KOPELMAN, "Accelerated Engineering, The 3 Secrets to Just-In-Time Product Development (JITPD)," WESCON/94, Idea/Microelectronics, Conference Record; September 27-29, 1994; pp. 362-367. | |
| | | STIDOLPH, "Evolutionary Design of Complex Software (EDCS) Demonstration Days 1999," ACM SIGSOFT Engineering Notes; vol. 25, no. 1; January 2000. | |
| | | PURSSELL, "The Product Release Interface: Environment and Concerns," Fifth Electronic Manufacturing Technology Symposium International "Design-to-Manufacturing Transfer Cycle," October 10-12, 1998, pp. 51-56. | |
| | | MANDERSON, "Satellite Systems: How to Distribute Data, Computing, Consulting, and Responsibility All at the Same Time," Proceedings of the 17th Annual ACM SIGUCCS Conference on User Services; October 1989. | |
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